

ORIGINAL

Form 3

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

RECEIVED
APR 22 2002

Illinois Commerce Commission
RAIL SAFETY SECTION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

X-11774 Date: April 15, 2001

T01-0018

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company 700006 shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modification of Grade Crossing Warning Devices requested by Illinois Commerce Commission

at: 126th Street in Chicago, Cook County, Illinois, DOT: Pending, MP. RU-3.60

File No. 061-04.510

Project No. 04.0524

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt at resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company

By R. H. Ray

R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler
(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191
(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number Pending
3. Village or City Chicago
4. Name of Street or Highway 126th. Street
5. Public Agency Maintaining Highway City
6. Protection now established:
Crossing does not exist. New crossing.
7. Protection desired:
Install grade crossing warning devices consisting of Flashing Light Crossing Signals with
Gates controlled by constant warning time detection devices.
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
6 a.m. to 6 p.m. One 6 p.m. to 6 a.m. One
11. Approximate number of switch movements:
6 a.m. to 6 p.m. One 6 p.m. to 6 a.m. None
12. Maximum speed of trains at crossing on each track in each direction:
North/East 10 M.P.H.
South/West 10 M.P.H.
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

Unknown

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawing attached for question no. 16

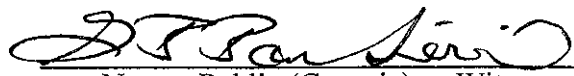
(File Original and Two Duplicates)

VERIFICATION


I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator – Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.


Administrator - Highway Grade Crossings

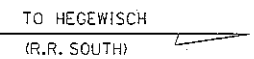
Subscribed and sworn to before me this 215
day of April 20 01.


Notary Public (Georgia) or Witness

My Commission Expires: _____

TO RIVER BR. JCT.  (S.B. NORTH)

(A)




④

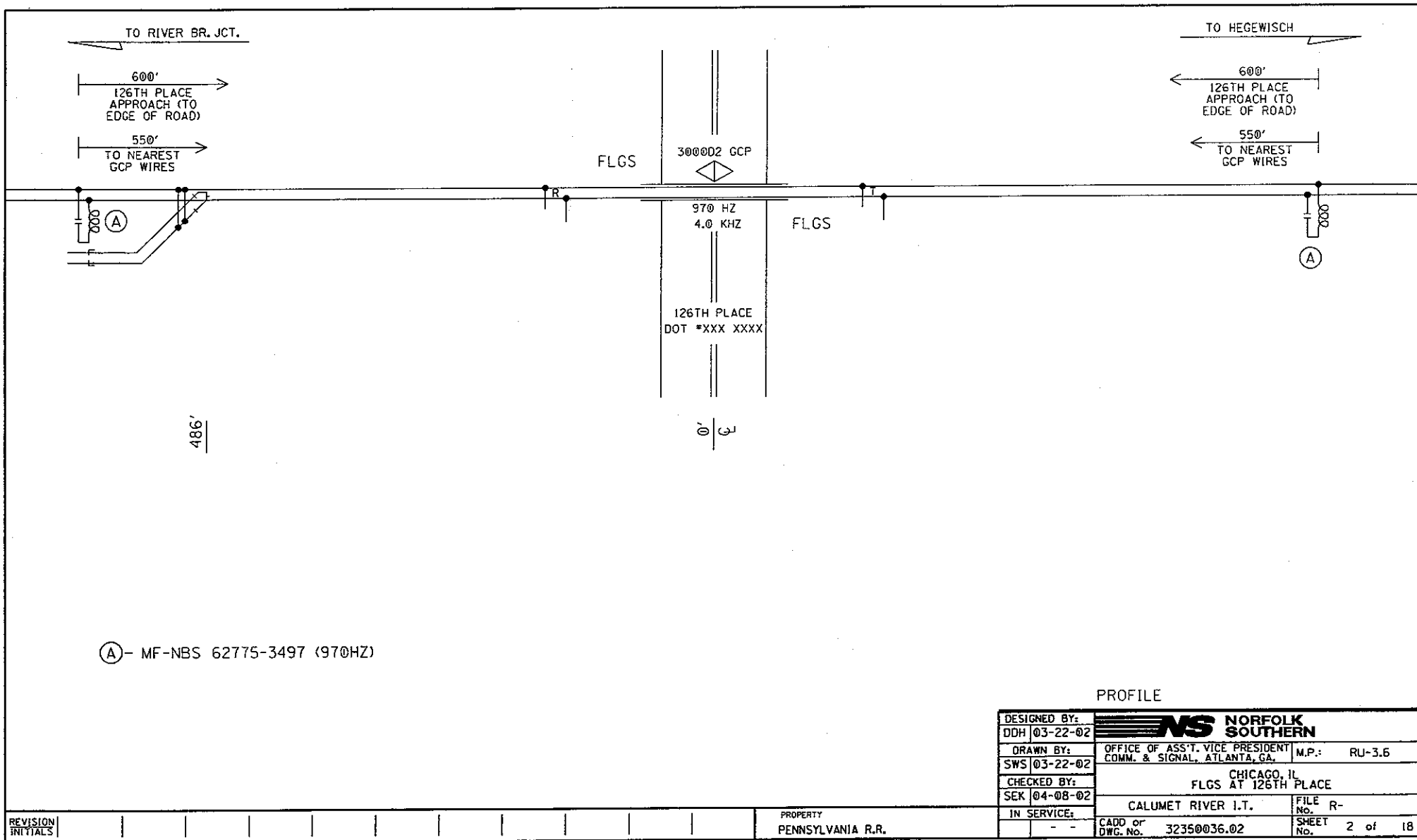
- ⑧

SCALE: 1" = 20'
PROJECT #04.0524

FILE 061-04.510
No.

 NORFOLK SOUTHERN			
OFFICE OF ASST. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.		M.P.:	RU-3.6
CHICAGO, IL			
FLGS AT 126TH PLACE			
CALUMET RIVER I.T.		FILE NO. R-	
CADD No. DWG. No.	32350036.01	SHEET	1 of 18

REVISION
INITIALS



Detailed Estimate for Grade Crossing Warning Devices

City/State: CHICAGO, IL
MilePost: RU-3.6
State Proj. No.:
S&E Proj. No.: 04.0524
Man Days: 112

Road: 126 TH PLACE
DOT/AAR:
County: COOK
AFE:
File Number: 061-04.510

*****Purchases - Other*****

Meals and Lodging:	\$7,050.00	
Rental of Equipment:	\$15,420.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 28 Days)		
Construction Supervision Vehicle:	\$290.00	
Contingencies:	\$540.00	
Purchases - Other Total:		\$23,300.00

***** Material and Additives*****

Material Cost:	\$62,480.00	
Sales and Use Tax:	\$3,120.00	
Material Handling Freight:	\$5,940.00	
Material Total:		\$71,540.00

*****Labor and Additives*****

Labor Cost:	\$18,140.00	
(4 man crew at \$648.00 a day for: 28 days)		
Payroll Tax & Overheads:	\$15,710.00	
Preliminary Engineering:	\$7,090.00	
Construction Supervision:	\$5,120.00	
Labor Total:		\$46,060.00
Subtotal:		\$140,900.00
Credit:		\$0.00
(Salvage/Scrap)		
Project Total:		\$140,900.00

Estimated on: 12-Apr-02

Estimated by: epkfr

Estimate valid for 1 year from date of estimate



Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	CHICAGO
Road:	126 TH PLACE
Milepost:	RU-3.6
Drawing Number:	3235-0036
State Project Number:	
County:	COOK
A A R Number:	
Project Number:	04.0524
File Number:	061-04.510
A F E Number:	
Store Number:	
Supervisor:	J.W. WILSON
Tax Code:	1200
<p>Vendor to supply the following copies after pricing:</p> <ul style="list-style-type: none">1 Set - Material Management with original invoice2 Sets - with plans shipped in car with material1 Set - S&E Gen. Supt. Construction w/ copy of invoice	

12-Apr-02

Location: CHICAGO

IL

S&E Proj. No.: 04.0524

AFE No.:

Drawing No.: 3235-0036

Page 1/6

Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor : SW Signal Engineering Company

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
3	670-360693-4	EA	\$4.82	\$14.46	AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY S'TRAN						
1	165-006505-4	EA	\$944.48	\$944.48	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE						
2	670-520496-4	EA	\$27.30	\$54.61	ARC SUPPRESSOR WITH DIODE, SAFETRAN PART# 8A299, BAKELITE BASE 023612-X. USE WITH SSCCIII						
2	670-001321-4	EA	\$246.66	\$493.32	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR						
17	165-021628-4	EA	\$7.61	\$129.44	ARRESTER, LIGHTNING CLEARVIEW W/O BASE USS PART N451552-0201 SAFETRAN PART @022485-28X CR02-025565						
14	165-021636-4	EA	\$16.82	\$235.55	ARRESTER, LIGHTNING 3 POST PORCELAIN BASE SSC#022485-33X						
13	105-871901-4	EA	\$154.22	\$2,004.81	BATTERY, GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS						
1	670-503047-4	EA	\$185.75	\$185.75	BELL, CROSSING ELECTRONIC GENERL SIGNAL, EB-3-360-5 CR 02-044350						
14	670-005125-4	EA	\$2.11	\$29.51	BLOCK, TERMINAL BAKELITE FOR MOUNTING LIGHTING ARRESTOR EQUALIZER OR RESISTANCE UNIT						
9	670-058281-4	EA	\$11.25	\$101.22	BLOCK, UNIVERSAL TERMINAL OF 12 SINGLE POST SAFETRAN 023390-11X, W-C 2508-112E W-NUTS & WASHERS CR 02-048757						
2	670-004691-4	EA	\$59.03	\$118.06	BLOCK, TERMINAL 14 WAY SAFETRAN PN 051883-18X1 FOR MOUNTING IN RELAY SLOT						
100	670-065723-4	EA	\$2.69	\$269.15	BOND, HEAD 6 1/2"x3/16", SIGNAL ERICO PRODUCTS CATA SBS24882, CR 02-067252						
200	670-065872-4	LF	\$0.74	\$147.36	BONDSTRAND, 3/16 IN WIRE 4/64 IN PVC INSULATION OUTER WIRES TINNED ONLY, ALSO USED TO MAKE 4 AND 6 HOLD LONG BONDS.						
2	670-169035-4	EA	\$1,845.19	\$3,690.38	BRACKET, GENERAL SIGNALS, INC. SK-1000, SPRING LOADED ADAPTOR FOR AL GATES 28" OR LESS, NORMAL						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: CHICAGO

IL

S&E Proj. No.: 04.0524

AFE No.:

Drawing No.: 3235-0036

Page 2/6

Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor: SW Signal Engineering Company

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
2	670-000977-4	EA	\$57.98	\$115.95	BRACKET, HIGH WIND SUPPORT HARMON @54-00139, SERRMI @50044 SAFETRAIN 076203-518X						
300	465-292862-4	LF	\$1.00	\$300.87	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
300	465-292929-4	LF	\$3.00	\$899.58	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
300	465-939422-4	LF	\$2.56	\$767.55	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL						
300	465-277674-4	FT	\$2.80	\$841.23	CABLE, UG 3CD NUMBER 6 FOR HIGH CURRENT AC POWER OKONITE 206-11-6 243						
2	670-477629-4	EA	\$478.44	\$956.88	CHARGER, BATTERY CRAGG MODEL 20 EC-12V 20 AMP TEMP COMPENSATED						
6	165-018550-4	EA	\$1.20	\$7.18	CLIP, MOUNTING LPC 10181 (3 CLIPS REQ. FOR LPC 10560) (2 CLIPS REQ. FOR LPC 10179)						
120	165-544477-4	FT	\$2.00	\$239.47	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4						
3	165-299316-4	EA	\$16.89	\$50.66	CONDUIT, PVC CASE OUTLET 4 IN. X 29-1/2 IN. SCHEDULE-80 WITH 4 IN. COUPLING, CARLON E940N,						
200	670-918555-4	EA	\$3.39	\$677.50	CONNECTOR, WEB TRACK 1IN X 4IN LONG, FOR SHUNT CONN TO RAIL, INCLUDES WELD METAL & MOLDS (ERICO #SBTBBU4A)						
2	670-090450-4	EA	\$49.62	\$99.25	CONNECTOR,WELDED FAR RAIL HARMON A1000-2W						
2	670-486646-4	EA	\$40.66	\$81.32	CONNECTOR,WELDED NEAR RAIL HARMON A1000-1W						
1	670-314147-4	EA	\$2,198.57	\$2,198.57	CONTROLLER, S.S.C. III 20A SOLID STATE STRAN PART#9000-91165-0001						
2	670-793404-4	EA	\$838.38	\$1,676.76	COUNTERWEIGHT PKAGE, 17-24'GATE STRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: CHICAGO

IL

S&E Proj. No.: 04.0524

AFE No.:

Drawing No.: 3235-0036

Page 3/6

Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor : SW Signal Engineering Company

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
4	670-760012-4	EA	\$34.90	\$139.59	COVER, FOR 1 WAY FLASHING LIGHT ASSY. 18 OZ. BLACK VINYL COATED NYLON. ====TO COVER 2 LAMPS====						
3	670-080337-4	EA	\$0.73	\$2.18	DECAL, X'ING SIGNAL MALFUNCTION 11" X 4", GATE MOUNT						
3	670-077544-4	EA	\$0.54	\$1.63	DECAL, X'ING SIGNAL MALFUNCTION 6" X 6", MAST MOUNT						
1	670-986650-4	EA	\$361.26	\$361.26	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER						
6	670-228165-4	EA	\$10.73	\$64.35	EQUALIZER, SAFETRAN 022700-1X LESS BASE, MODERN NO. 700-1 SHUNT ARRESTER TRACK CIRCUITS CR 02- 197950						
1	670-000004-4	EA	\$281.44	\$281.44	FCC LICENSE FOR MONITOR/RADIO						
2	670-000003-4	EA	\$255.85	\$511.70	FILL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST						
2	670-015231-4	EA	\$381.69	\$763.37	FOUNDATION,DIXIE,S-2 GATE 5'6" ASSEMBLED						
1	670-477991-4	EA	\$292.81	\$292.81	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200#4WIRE,12 4 WIRE ONE-SHOTS. ERICO SBK206						
1	670-123298-4	EA	\$225.10	\$225.10	KIT, HARDWARE SUPPLIES REQUIRED X'ING P'CKAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS,P'GUM PAINT,SLEEVES,TAGS,GLUE, 100 EA WHITE TAGS,)NE CAN BLUE MARKING PAINT ETC...						
2	670-764166-4	EA	\$907.09	\$1,814.18	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS						
6	165-643547-4	EA	\$8.43	\$50.60	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE						
31	670-440826-4	EA	\$1.01	\$31.41	LINK, SAFETRAN 024620-1X INSL TESTING COMP 1 IN CENTER SIGNAL CIRCUITS CR 02-286662						
5	255-590880-4	EA	\$15.62	\$78.09	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: CHICAGO

IL

S&E Proj. No.: 04.0524

AFE No.:

Drawing No.: 3235-0036

Page 4/6

Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor : SW Signal Engineering Company

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date	Date	Date		
2	670-637778-4	EA	\$1,055.55	\$2,111.09	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. S'TRAN P# 070519-11AX.						
2	670-521147-4	EA	\$2,932.81	\$5,865.62	MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY S'TRAN # 074000-W00090						
1	670-208385-4	EA	\$204.68	\$204.68	MODEM CHIP, DEMA-NS5 MONITOR (HARMON 003640-791)						
2	670-700469-4	EA	\$1,128.30	\$2,256.60	MODULE, MULTI FREQUENCY ISLAND SAFETRAN #80211 FOR 3000GCP						
1	670-499590-4	EA	\$2,378.38	\$2,378.38	MONITOR,HIGHWAY XING,(DEMA-NS8NR-#M) W/DUAL SENSOR,NO RADIO,INCLUDES WIRING AND INSTALLATION						
4	670-001347-4	EA	\$57.98	\$231.90	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
1	255-646807-4	EA	\$9.49	\$9.49	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX						
1	670-802995-4	EA	\$71.23	\$71.23	PANEL, BLANK 8" x 23" FOR RACK MOUNTING BACK BOARD EQUIPMENT S'TRAN #038243-T03591						
1	670-514605-4	EA	\$8.43	\$8.43	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X						
1	670-014176-4	EA	\$11,754.77	\$11,754.77	PREDICTOR, GRADE CROSSING 3000D2 1 TRACK, SAFETRAN #80100-101-0 DUAL UNIT, NO ISLAND						
1	165-018451-4	EA	\$128.60	\$128.60	PROTECTOR, 12VDC, AAR MOUNT LPC 10593-9 LIGHTNING PROTECTION CORP.						
1	165-018469-4	EA	\$109.76	\$109.76	PROTECTOR, 28VDC LPC 10593-1						
2	165-103293-4	EA	\$44.47	\$88.93	PROTECTOR, LIGHTNING & SURGE LPC 10560-51, 3 ELECTRODE WITH SPADE TERMINAL						
1	670-166532-4	EA	\$140.72	\$140.72	PROTECTOR, SURGE 3-WIRE PLUS GRD 120/240 JOSLYN ELECTRONICS 1259-21-A FOR I/S AC BREAKER PANEL						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: CHICAGO IL S&E Proj. No.: 04.0524 AFE No.: Drawing No.: 3235-0036 Page 5/6
Store No.: P.O. Number: Date Required: Date Shipped: Vendor : SW Signal Engineering Company

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
1	670-015628-4	EA	\$266.80	\$266.80	RACK, BARE ALUMINUM, FOR MTG. XING EQUIPMENT.						
1	610-215904-4	EA	\$365.87	\$365.87	RADIO, RITRON, FREQUENCY COMBO #6, CH 1 = 160.800MHZ, CH 2 = 161.055MHZ FORMER CR TERRITORY						
4	465-002899-4	EA	\$20.88	\$83.51	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
2	180-662001-4	EA	\$108.57	\$217.15	RESISTOR, SAFETRAN 029258-50-A2X SEALED TAP TYPE 2.5 OHMS 4.47 MAXIMUM AMPS (LIGHTING)						
1	670-760271-4	EA	\$10,232.98	\$10,232.98	SHELTER, BARE ALUM 6'X6' W/ FARADAY SHIELD (SERRMI A8200-66N-10) FOR CROSSINGS						
3	670-793474-4	EA	\$14.40	\$43.20	SHIELD, GROUND (SERRMI# 61223) FOR GROUNDING 12-WAY TERMINAL BLOCK						
4	670-798192-4	EA	\$5.20	\$20.80	SHIELD, GROUND (SERRMI# 61224) FOR GROUNDING R.H. 3-POST TERMINAL BLOCK						
6	670-809896-4	EA	\$5.20	\$31.20	SHIELD, GROUND (SERRMI# 61224-1) FOR GROUNDING L.H. 3-POST TERMINAL BLOCK						
2	670-586967-4	EA	\$34.74	\$69.49	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
2	670-688850-4	EA	\$370.27	\$740.53	SHUNT, MULTI-FREQ. #62775-3497 SAFETRAN NARROW BAND						
2	670-806648-4	EA	\$56.42	\$112.84	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546						
2	670-751511-4	EA	\$35.58	\$71.17	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X						
2	670-006438-4	EA	\$10.54	\$21.08	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA., IN., IL., AL. 035200-555X						
1	670-330382-4	RL	\$10.75	\$10.75	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"						

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: CHICAGO IL S&E Proj. No.: 04.0524 AFE No.: Drawing No.: 3235-0036 Page 6/6
 Store No.: P.O. Number: Date Required: Date Shipped: Vendor : SW Signal Engineering Company

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
21	670-007238-4	EA	\$137.14	\$2,879.85	UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT-						

Total Material \$62,475.96

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER